

Study Program: Biology			
Type and level of studies: Bachelor studies			
Course name: Plant morphology			
Lecturer: Vasić S. Predrag			
Status: Compulsory			
ECTS: 7			
Attendance Prerequisites: none			
Course aims Introducing the basic morphological structure of vegetative and reproductive plant organs to students.			
Course outcome <ol style="list-style-type: none"> 1. The students are familiar with the morphological structure of plant organs 2. The students are familiar with the reproductive characteristics of plants 3. The students are able to perform fieldwork 			
Course content <i>Theoretical part:</i> External morphology – the vegetative organs of higher plants, plant reproduction, flower, inflorescence, leaf, fruit, pollination, fertilisation and seed. <i>Practical classes: Exercises, Other forms of teaching, Study research work</i> Shoot morphology- the stem and the leaf. Shoot metamorphosis. Root structure. Metamorphosis of roots. Reproductive organ structure. Flower– floral parts, floral formulae and floral diagrams. Inflorescences– types and classification. Seed and fruit– parts and classification.			
Literature <ol style="list-style-type: none"> 1. Петковић, Б., и др (2012): Анатомија и морфологија бињака, Биолошки факултет Универзитет у Београду. 2. Татић, Б., Петковић, Б. (2000): Морфологија биљака, Завод за уџбенике и наставна средства, Београд. 3. Јањатовић, В.: Практикум из морфологије биљака, Београд. 			
Number of active classes			Other classes
Lectures: 3	Practical classes: 3	Other forms of teaching:	
Teaching methods Theoretical work. Laboratory exercises during which students are familiarised with the structure of plant organs– stem, root, leaf and fruit; root and shoot metamorphosis; the structure of reproductive organs. The knowledge acquired during classes must be applied.			
Assessment (maximum 100 points)			
Course assignments	points	Final exam	points
activity during lectures	5	written exam	20
practical classes	5	oral exam	50
term test(s)	20	
seminar(s)			
Total	30		70